

**ENGINEERING CHANGE NOTICE**  
**DART AEROSPACE LTD**

Date:	19.02.25	Job No.:	RB18-BELL	ADR Yes/No:	N	ADR Date:		ECN #:	19- 546
Product No.:	DART TOOLING BELL			Created By:	VM	Approved By:	VH		
Product Name:	TRANS. & GEAR BOX DRAIN TOOL			Checked By:	h37				

**Reason for Change:**  
PRODUCTION ISSUE

**Documents Released:**

RB H4713 REV E

IF APPLICABLE:    NCR: \_\_\_\_\_    PAR: \_\_\_\_\_    CAR: \_\_\_\_\_    CIR: \_\_\_\_\_    URF: 19-546

PAPERWORK UPDATE ☐

PARTS MUST COMPLY ☒

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Docurient List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10		N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MD		md. 19.02.25
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MD		md. 19.02.25
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MD		md. 19.02.25
17	Update / Verify Authorized Release Certificate Database	Y	MD		md. 19.02.25
18	Create / Update Change Record Form / Item Card Database	N	MD		
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

**Description / Action:**

UPDATE WEBSITE TOOL NAME "TRANS. & GEAR BOX DRAIN TOOL"  
STOCK CAN BE REWORK PER REV E  
RELEASE RB H4713 REV E DRAWING  
PLACE DRAWING RB H4713 REV 4 IN SUPERCEED FOLDER  
CLOSE URF-19-546

55th

191278  
u 19.02.26

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_

## Linda Lacelle

---

**From:** Vanessa Morel  
**Sent:** Tuesday, February 26, 2019 8:02 AM  
**To:** Linda Lacelle; Michael Lee; Steven Drouin; Mychel Beauregard; Daniel Paquette  
**Cc:** Jean-Luc Menard  
**Subject:** RE: more ECN reworks and URF's

See answers in Red

**Vanessa Morel**  
*Mechanical Design Leader*

**DART AEROSPACE**  
T 1 613 632-5200 Ext.302  
E [vmorel@dartaero.com](mailto:vmorel@dartaero.com)  
W [www.dartaerospace.com](http://www.dartaerospace.com)



---

**From:** Linda Lacelle  
**Sent:** Monday, February 25, 2019 2:53 PM  
**To:** Michael Lee <mlee1@dartaero.com>; Steven Drouin <sdrouin@dartaero.com>; Mychel Beauregard <mbeauregard@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>; Daniel Paquette <dpaquette@dartaero.com>  
**Cc:** Jean-Luc Menard <jmenard@dartaero.com>  
**Subject:** more ECN reworks and URF's  
**Importance:** High

Sigh....can someone please give me some direction on what needs to be reworked on each of these ? I have these piling up and don't want something non-conforming going out the door. I am alone doing all of these, and would like to get these done asap...

ECN19-546 – what needs to be reworked? Drwg does not state what has changed – RB H4713 – 5 in stk Sleeve need to be added into the hose assy

ECN19-561 – what needs to be reworked? Drwg does not state what has changed – is it jst the McMaster part? RBE703A95-0520-01 – 5 in QRTN Sleeve need to be added into the hose assy